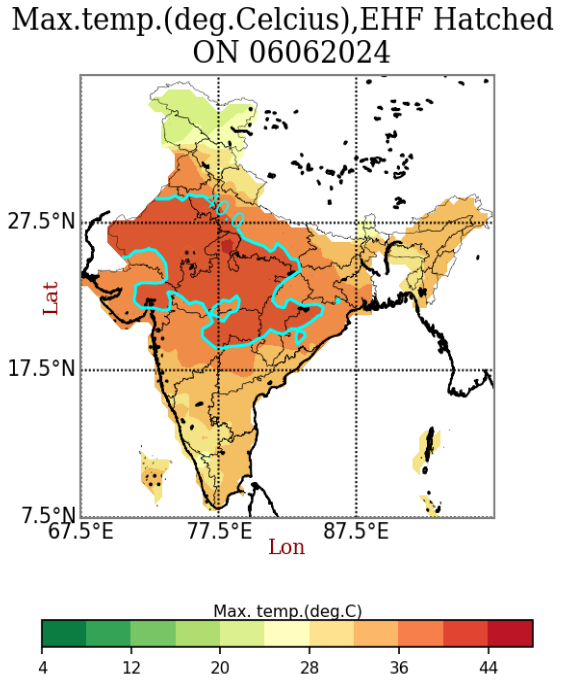
# Heat Stress Monitoring Using Excess Heat Factor Index (Experimental)

**Dated: 07.06.2024**

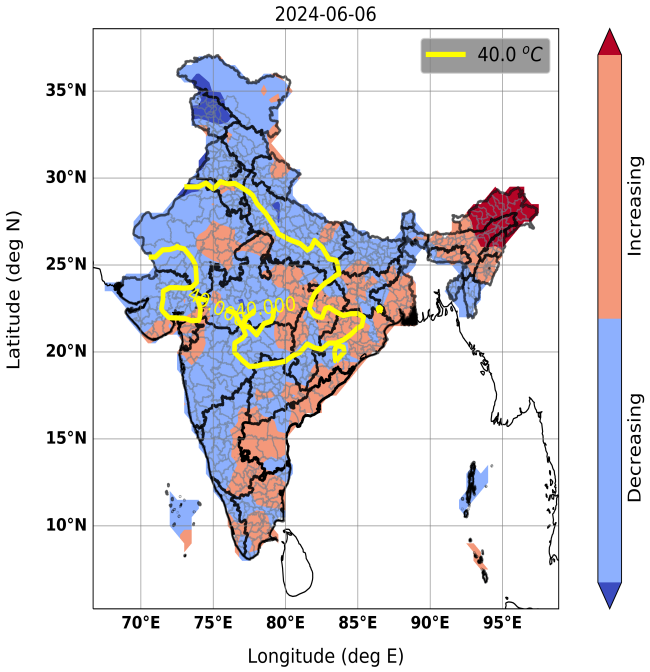
**Time of Issue: 12:00 Hrs IST**

## Tmax and Excess Heat Factor

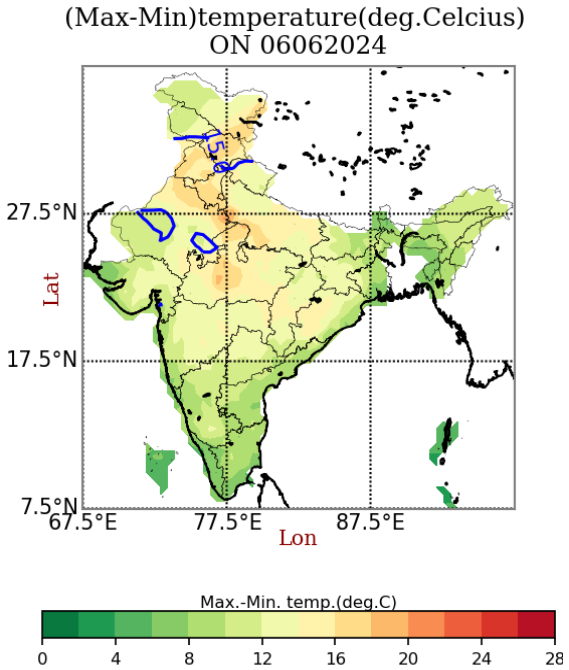



**a) Shades represent Tmax. Excess Heat factor (EHF) index with values greater than zero as dotted regions.**
**Over the Indian Regions marked by dots, (if exist) are under heat stress watch condition.**

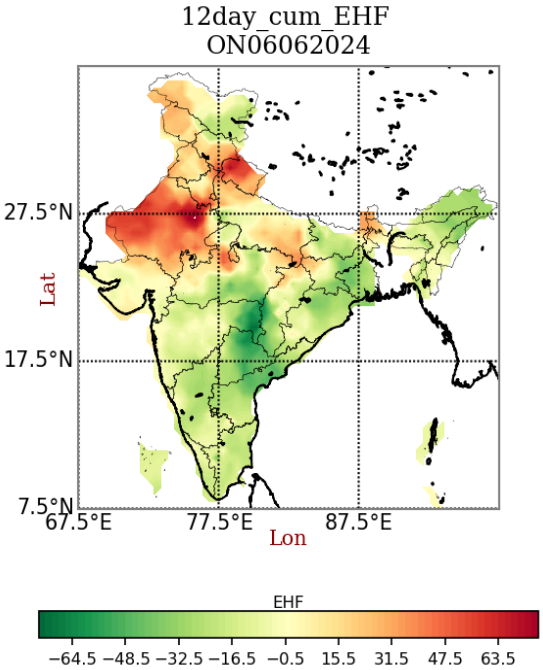
## Excess Heat Factor Tendency




**b) Shades represent tendency of EHF over last three days. The yellow contour shows the highest observed range of Tmax.**
**Regions with increasing EHF tendency and with Tmax contour >= 40°C, if exist (refer fig 2 legend), are likely to progress towards heatwave type of condition.**




**c) Diurnal temperature range (Tmax - Tmin) spatial map over Indian region.**
**Regions having low values of Diurnal temperature range along with (EHF) index > 0 should be watchful for excess heat stress type of conditions**




**d) EHF accumulated for the last 12 days is shown above.**
**The region in red may experience continuous Excess Heat in the atmosphere since the last 12 days.**


**For queries/feedbacks/suggestions related to this experimental product, please contact cauipune@gmail.com/rajib.chattopadhyay@imd.gov.in**

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